

CLAIMS:

1 1. An automated system for creating and customizing a screen display, comprising:
2 a customizer user interface for interactively presenting a sequence of customizer dialogs
3 each having one or more controls, the controls being responsive to input from a writer of the
4 application project generator to thereby choose from a plurality of generator options; and
5 a customizer tool being responsive to the customizer user interface for creating a screen
6 according to the generator options chosen by the writer, the application project generator
7 comprising:

8 a device template file generator for generating and editing canonical template files and
9 device template files;

10 a screen template generator for generating and editing screen template files;

11 a plurality of canonical template files,

12 a plurality of screen definition files, and

13 a plurality of device templates files; and

14 wherein the screen display is created in HyperText markup language.

1 2. The automated system for creating and customizing a screen display according to
2 Claim 1, wherein the device template file generator comprises a device template file generator
3 window and a template generation control window.

1 3. The automated system for creating and customizing a screen display according to
2 Claim 1, wherein the device template file generator automatically generates the device template
3 file.

1 4. The automated system for creating and customizing a screen display according to
2 Claim 1, wherein the device template file generator prompts a user when generating the device
3 template file.

1 5. The automated system for creating and customizing a screen display according to
2 Claim 1, wherein the system further comprises a rule generator.

1 6. The automated system for creating and customizing a screen display according to
2 Claim 1, wherein the system further comprises a rule interpreter.

1 7. The automated system for creating and customizing a screen display according to
2 Claim 1, wherein the system further comprises a rule handler.

3 8. The automated system for creating and customizing a screen display according to
4 Claim 1, wherein the system further comprises a rule repository.

1 9. The automated system for creating and customizing a screen display according to
2 Claim 1, wherein the system further comprises a parser.

1 10. The automated system for creating and customizing a screen display according to
2 Claim 1, wherein the system further comprises an activity logger.

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